

| Ref # | Hits  | Search Query   | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|-----------------|------------------|---------|------------------|
| L1    | 458   | (558/253,254; 525/54.1,54.11; 530/323,333,334,338,339,351, 816; 424/85.1,85.2,85.4,85.5,85.6,85.7).ccls. and @pd>"20050106"  | US-PGPUB; USPAT | OR               | ON      | 2005/08/09 09:31 |
| L2    | 14563 | native adj chemical adj ligation or thioester or aminothioester or thioacid or thiolester or aminothiolester or thiolacid or (thio or thiol) adj (ester or carboxy\$2)   | US-PGPUB; USPAT | OR               | ON      | 2005/08/09 09:44 |
| L3    | 40    | I1 and I2  | US-PGPUB; USPAT | OR               | ON      | 2005/08/09 09:43 |
| L4    | 68    | ((peptide or oligopeptide or polypeptide or protein or cytokine) and cysteine and (thioester or aminothioester or thioacid or thiolester or aminothiolester or thiolacid or (thio or thiol) adj (ester or carboxy\$2))).clm. | US-PGPUB; USPAT | OR               | ON      | 2005/08/09 09:45 |

Checked L3, L4

JRU

8-9-2005